For Research Use Only

Anti-Cat CD14 Rabbit Recombinant Antibody, PBS Only

Catalog Number:98760-3-PBS

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Basic Information

Catalog Number:
98760-3-PBS

Size:
1mg , 3 mg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG7131

GenBank Accession Number:
XM_003980841.3

GeneID (NCBI):
101096132

UNIPROT ID:
M3VWC6

Full Name:
CD14 molecule

Calculated MW:
40 kDa

Purification Method:
Protein A purification

CloneNo.:
251780D11

Applications

Tested Applications:
FC

Species Specificity:
cat

Background Information

CD14 is a 50-55 kDa glycosylphosphatidylinositol-anchored glycoprotein preferentially expressed on monocytes and macrophages, and at lower levels on granulocytes (PMID: 3385210; 2462937; 7685797). CD14 can also exist as a soluble protein. CD14 acts as a co-receptor for bacterial liposaccharides (LPS) (PMID: 1698311). It plays a major role in the inflammatory response of monocytes to LPS.

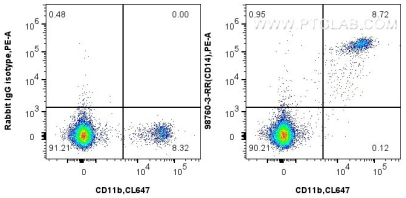
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

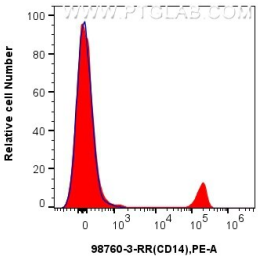
For technical support and original validation data for this product please contact:
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E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10^6 cat PBMCs were surface stained with 0.25 ug Anti-Cat CD14 Rabbit RecAb (98760-3-RR, Clone: 251780D11) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were then stained with CoraLite® Plus 647 Anti-Mouse CD11b (M1/70) Rat Recombinant Antibody (CL647-65672, Clone: M1/70). Cells were not fixed. This data was developed using the same antibody clone with 98760-3-



1x10^6 cat PBMCs were surface stained with 0.25 ug Anti-Cat CD14 Rabbit RecAb (98760-3-RR, Clone: 251780D11) (red) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed. This data was developed using the same antibody clone with 98760-3-PBS in a different storage buffer formulation.